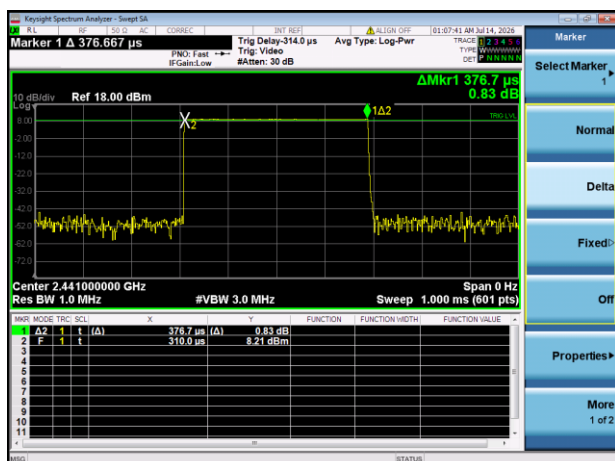
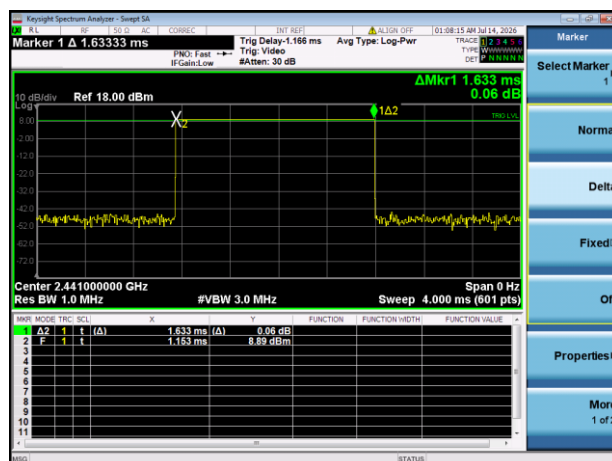


Test Plots

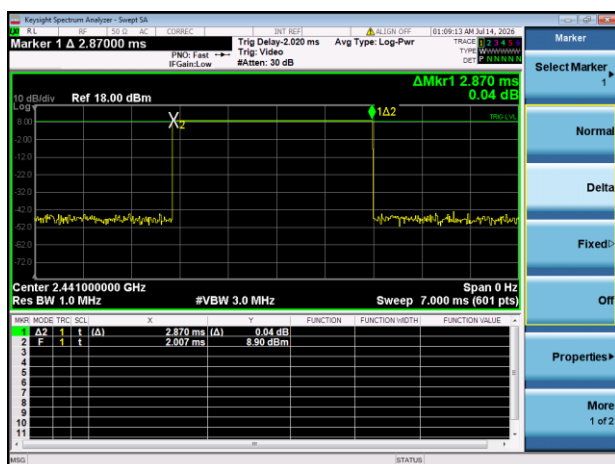
GFSK DH1



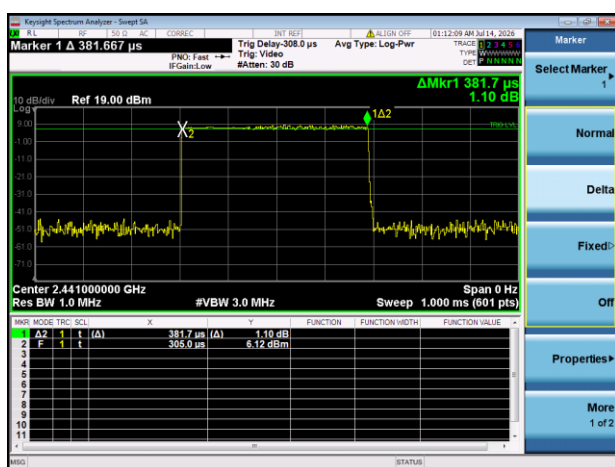
GFSK DH3



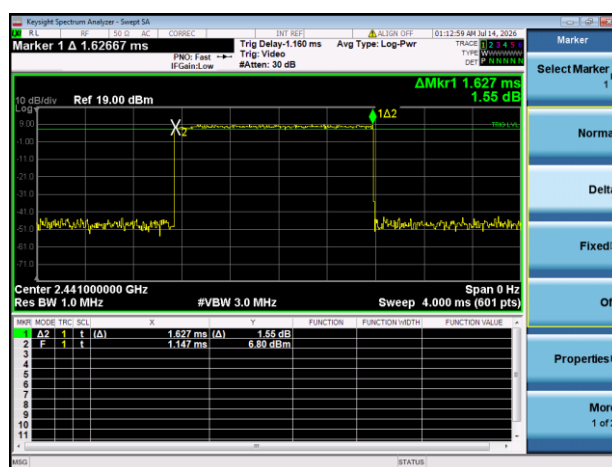
GFSK DH5



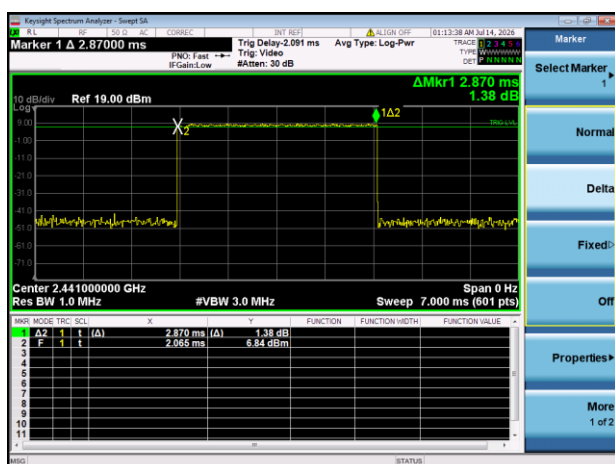
8-DPSK DH1



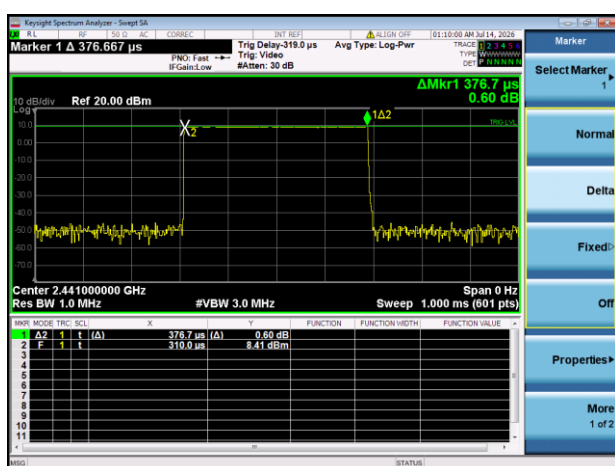
8-DPSK DH3



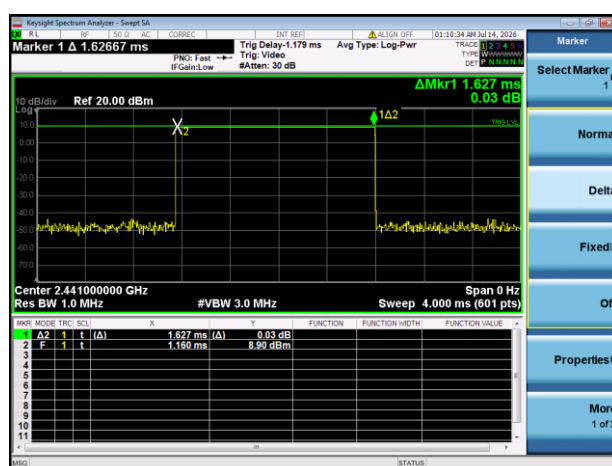
8-DPSK DH5



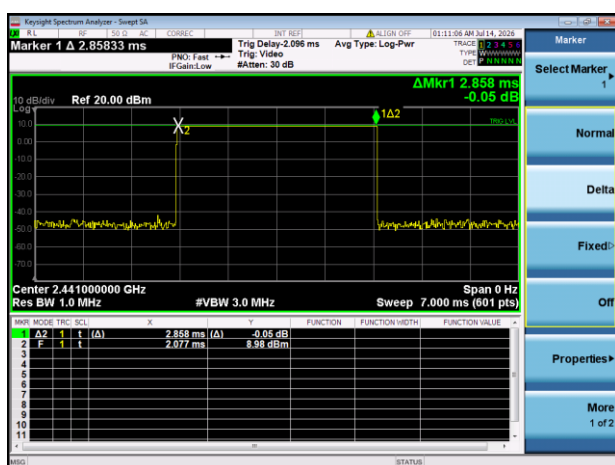
AFH Mode DH1



AFH Mode DH3



AFH Mode DH5



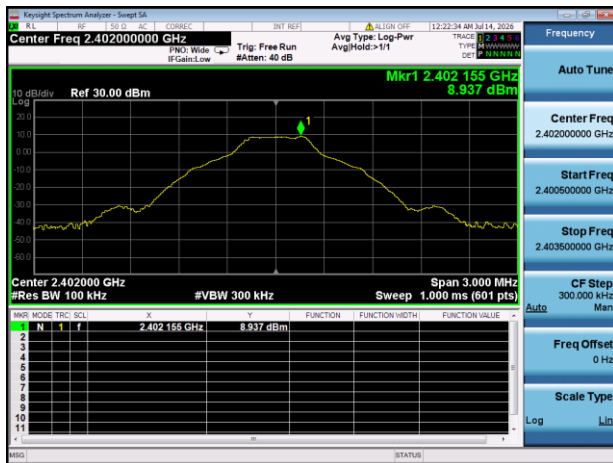
A.6 Conducted Spurious Emissions & Authorized-band band-edge

Test Data

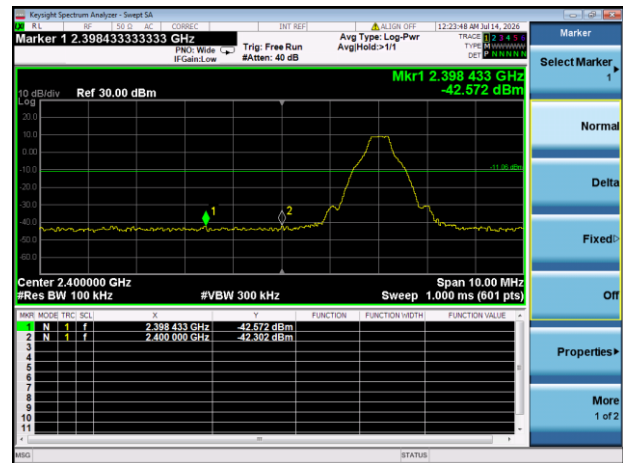
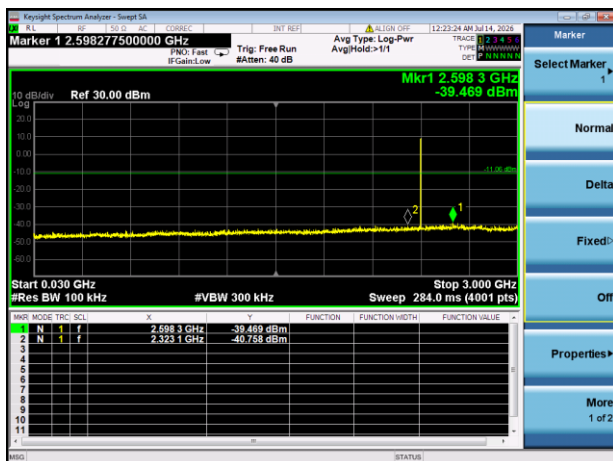
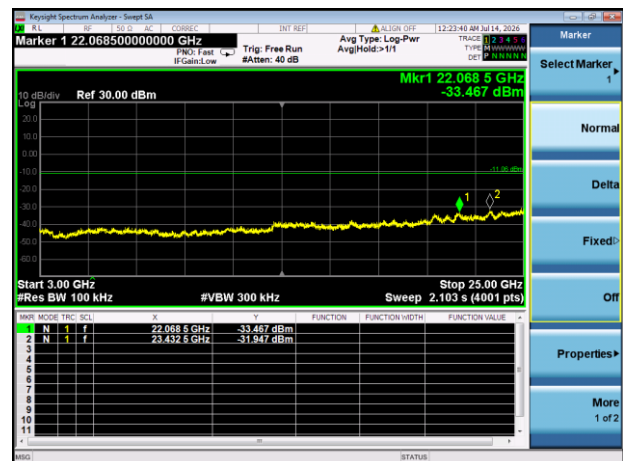
GFSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-31.95	8.94	-11.06	Pass
Middle	-30.83	8.68	-11.32	Pass
High	-31.21	7.65	-12.35	Pass
8-DPSK				
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-31.31	6.98	-13.02	Pass
Middle	-30.67	6.70	-13.30	Pass
High	-32.60	5.55	-14.45	Pass
Hopping Mode				
Mode	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
GFSK	-32.20	8.88	-11.12	Pass
8-DPSK	-30.46	7.26	-12.74	Pass

Test Plots

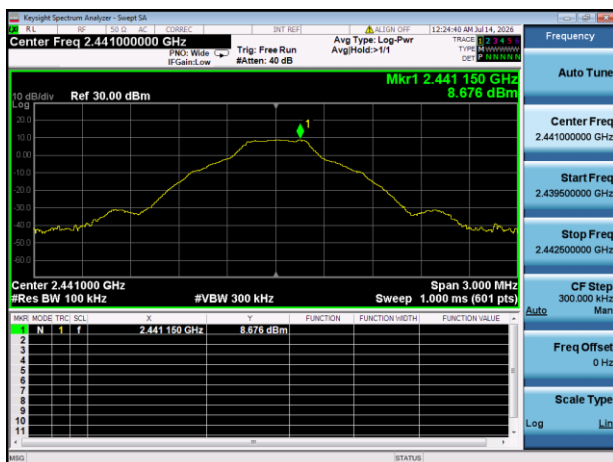
GFSK LOW CHANNEL, CARRIER LEVEL



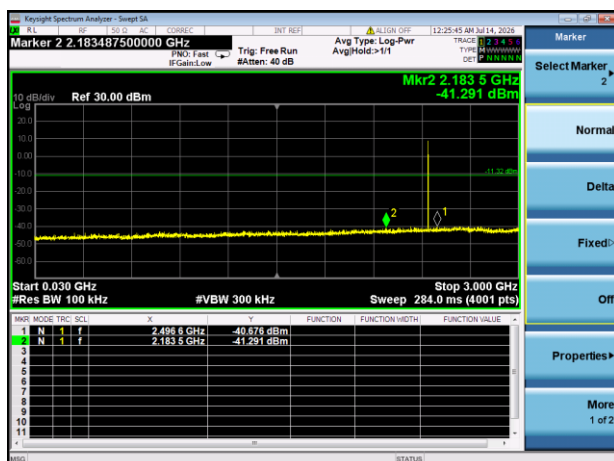
GFSK LOW CHANNEL, BAND EDGE

GFSK LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHzGFSK LOW CHANNEL, SPURIOUS
3 GHz ~ 25 GHz

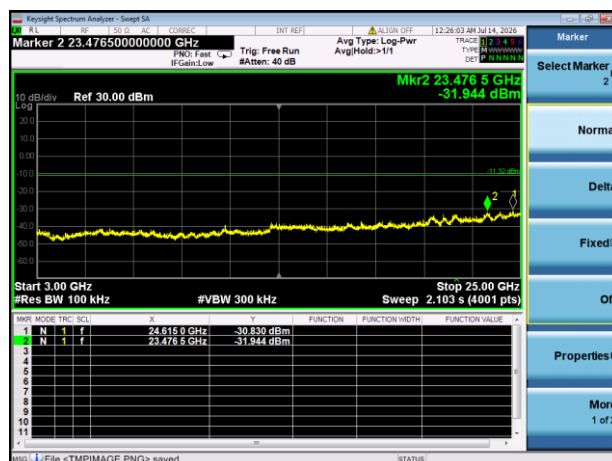
GFSK MIDDLE CHANNEL, CARRIER LEVEL



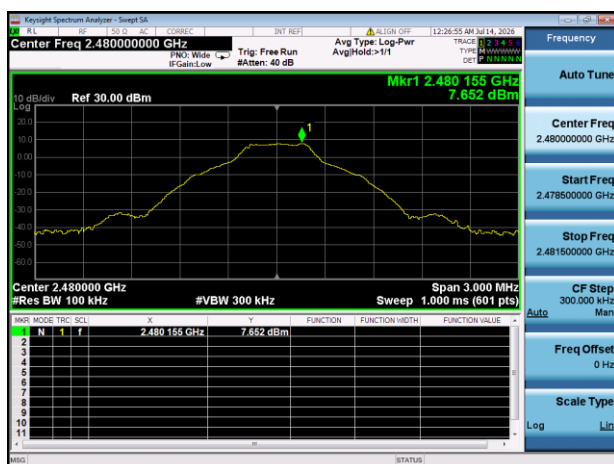
GFSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



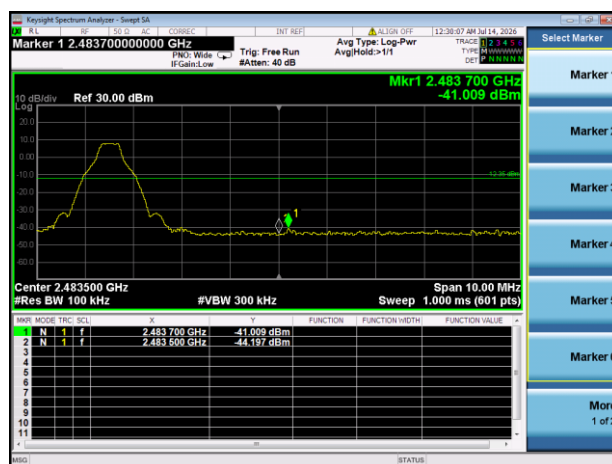
GFSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



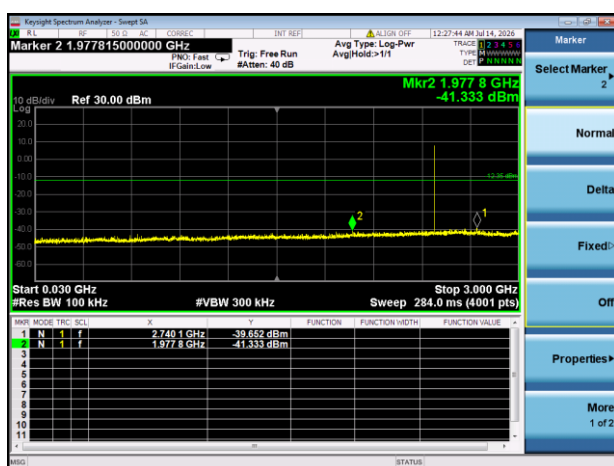
GFSK HIGH CHANNEL, CARRIER LEVEL



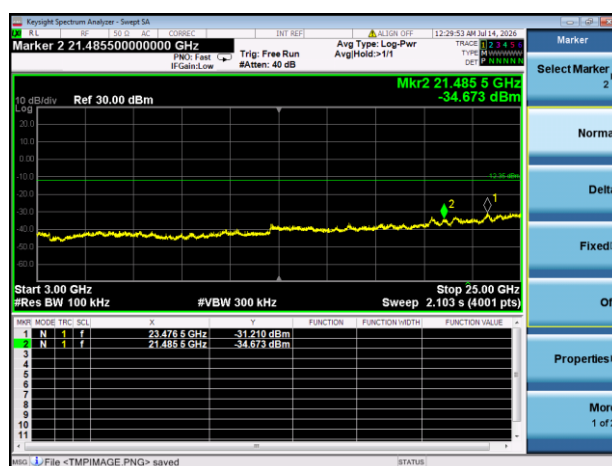
GFSK HIGH CHANNEL, BAND EDGE



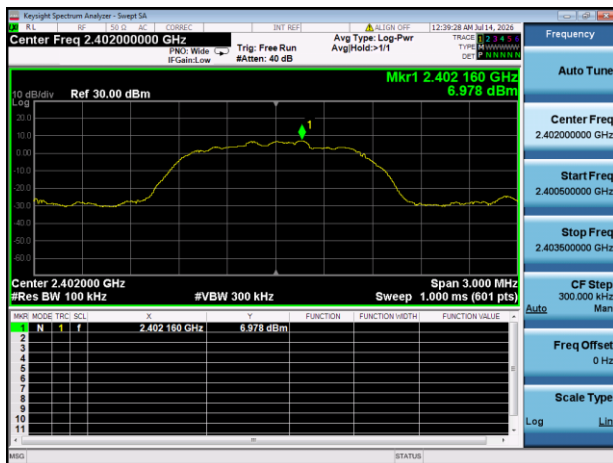
GFSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



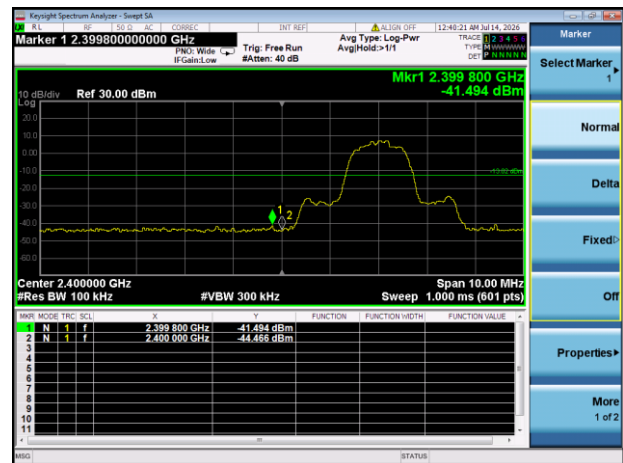
GFSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



8-DPSK LOW CHANNEL, CARRIER LEVEL

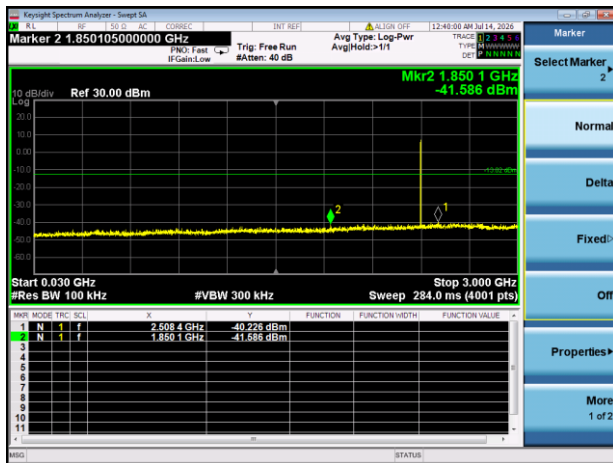


8-DPSK LOW CHANNEL, BAND EDGE



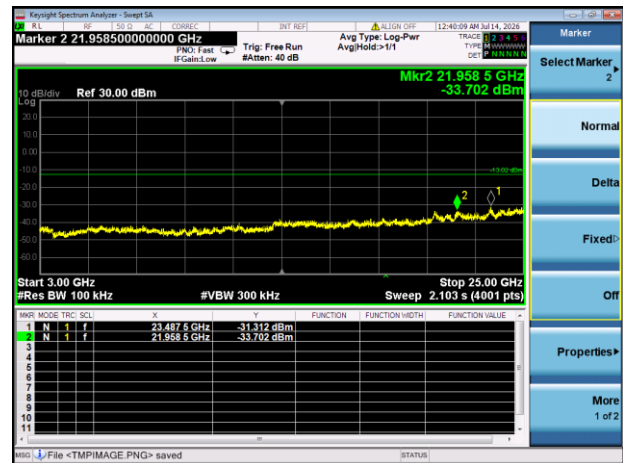
8-DPSK LOW CHANNEL, SPURIOUS

30 MHz ~ 3 GHz

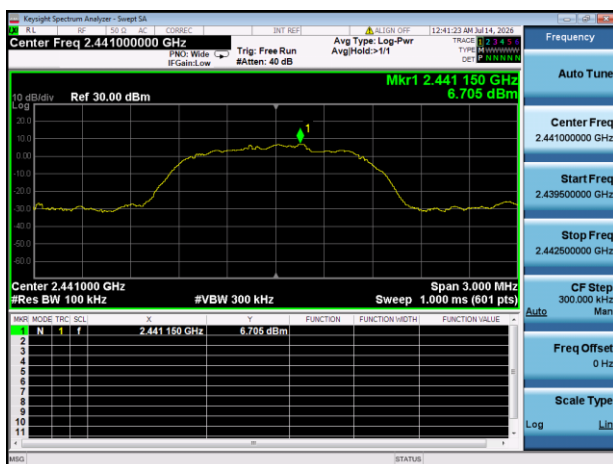


8-DPSK LOW CHANNEL, SPURIOUS

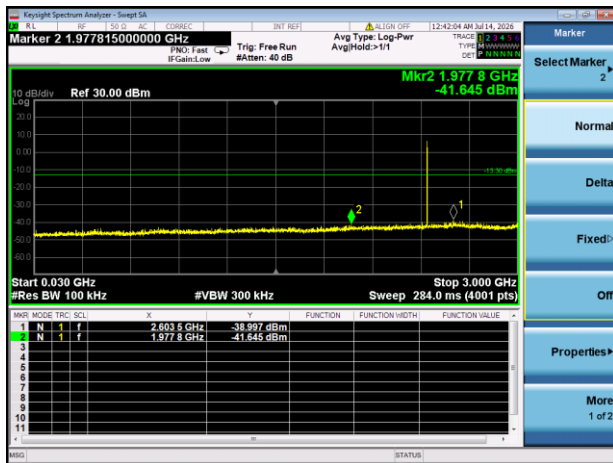
3 GHz ~ 25 GHz



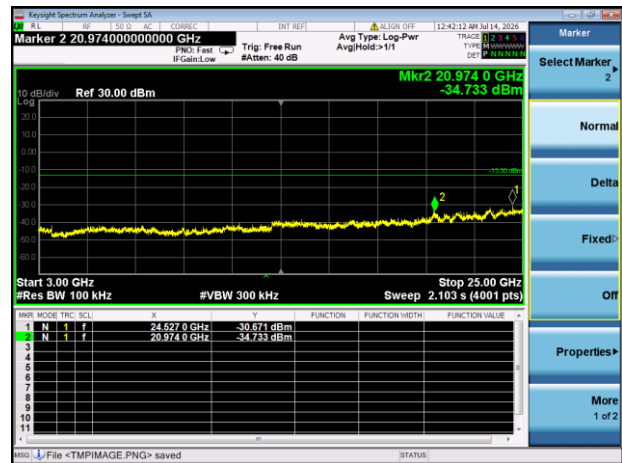
8-DPSK MIDDLE CHANNEL, CARRIER LEVEL



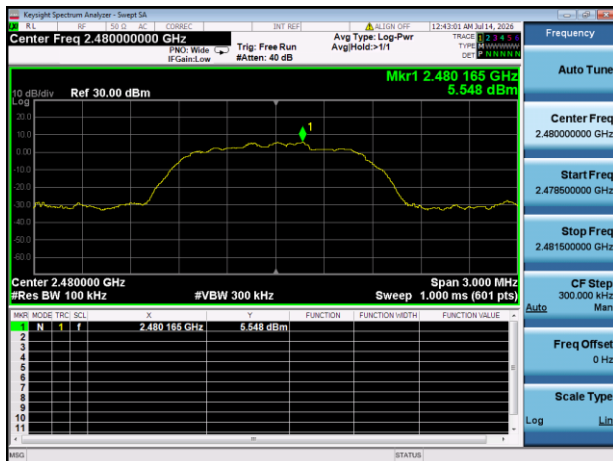
8-DPSK MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



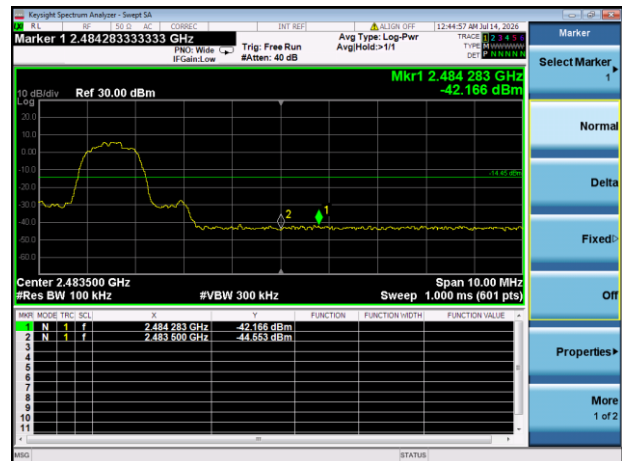
8-DPSK MIDDLE CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



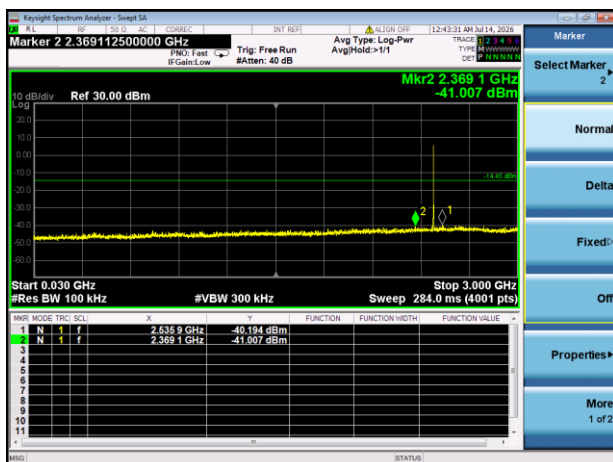
8-DPSK HIGH CHANNEL, CARRIER LEVEL



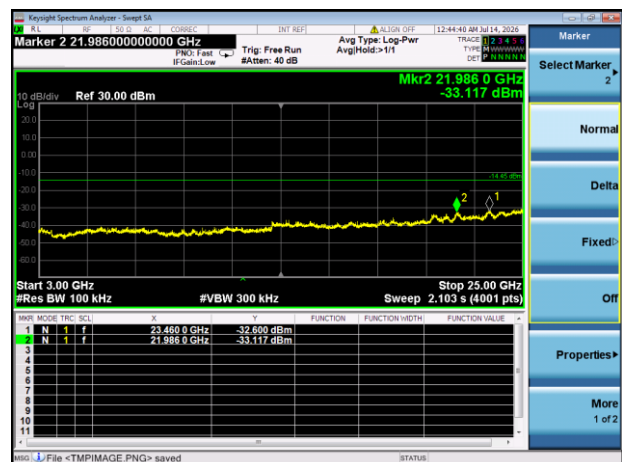
8-DPSK HIGH CHANNEL, BAND EDGE



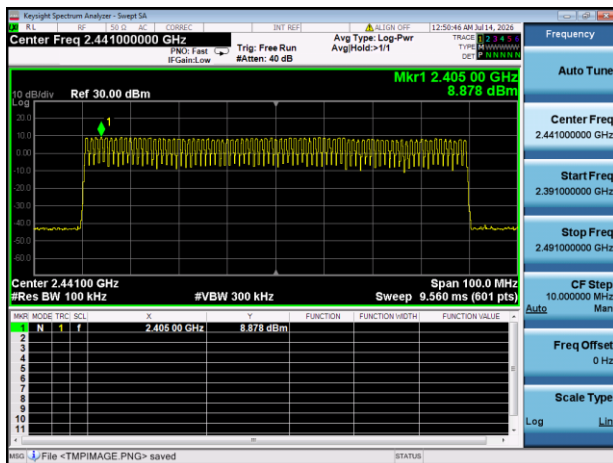
8-DPSK HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



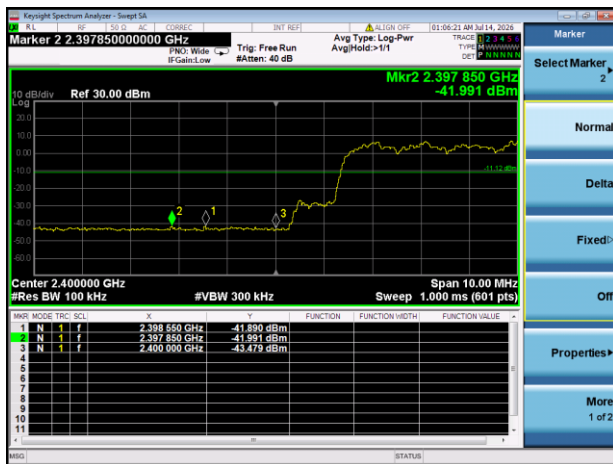
8-DPSK HIGH CHANNEL, SPURIOUS 3 GHz ~ 25 GHz



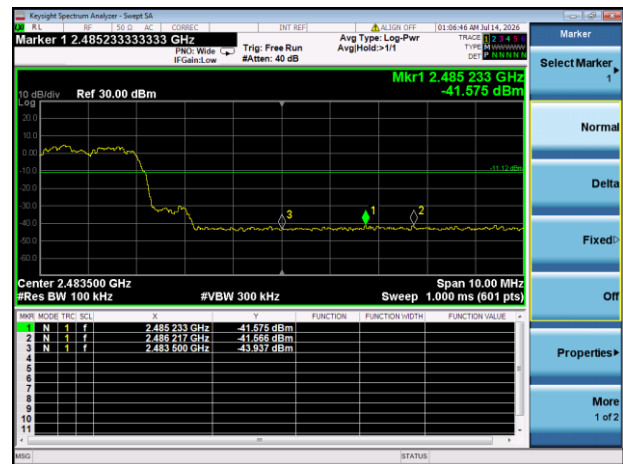
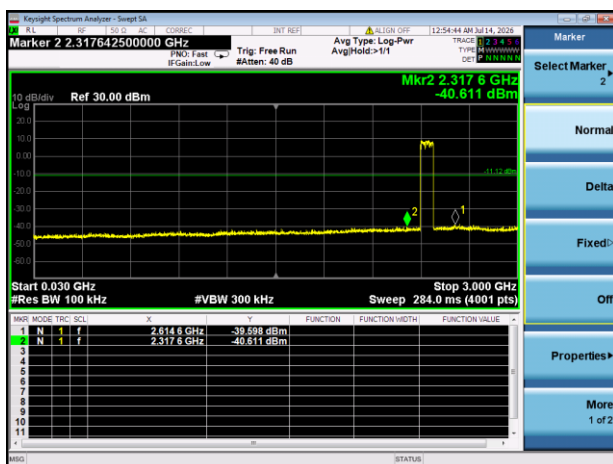
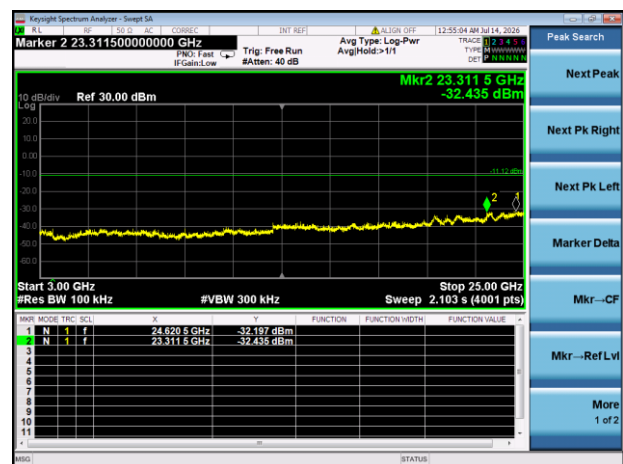
GFSK HOPPING, CARRIER LEVEL



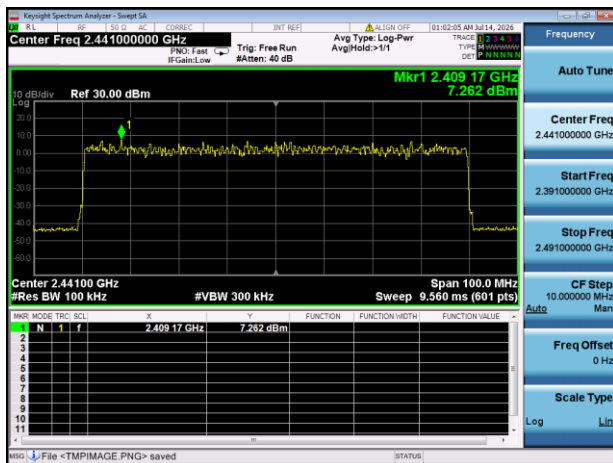
GFSK HOPPING BAND EDGE (LOW)



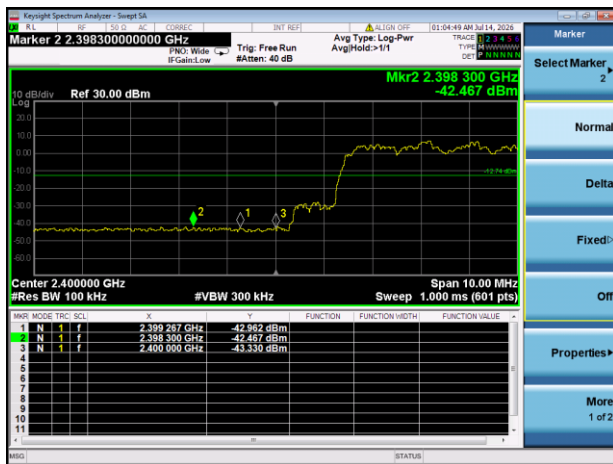
GFSK HOPPING BAND EDGE (HIGH)

GFSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHzGFSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

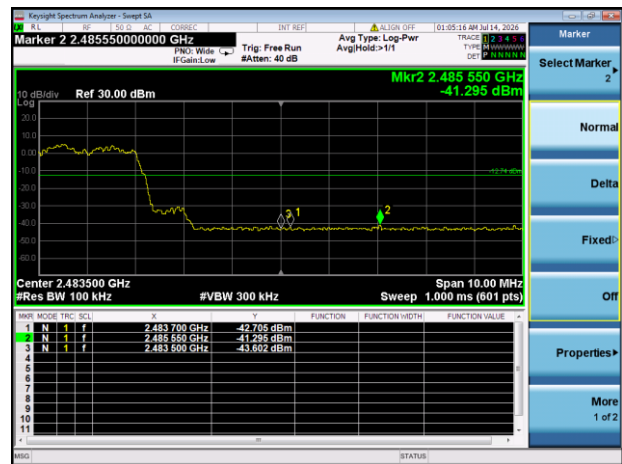
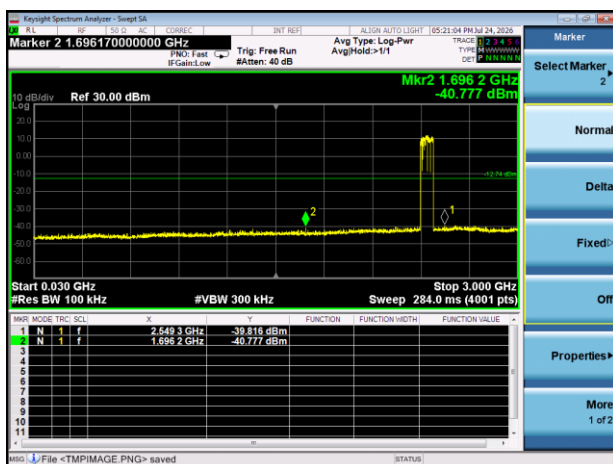
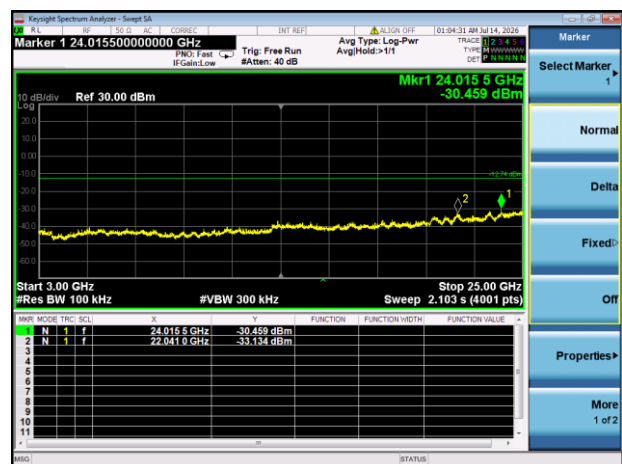
8-DPSK HOPPING, CARRIER LEVEL



8-DPSK Hopping BAND EDGE (LOW)



8-DPSK Hopping BAND EDGE (HIGH)

8-DPSK Hopping Mode, SPURIOUS
30 MHz ~ 3 GHz8-DPSK Hopping Mode, SPURIOUS
3GHz ~ 25 GHz

A.7 Conducted Emissions

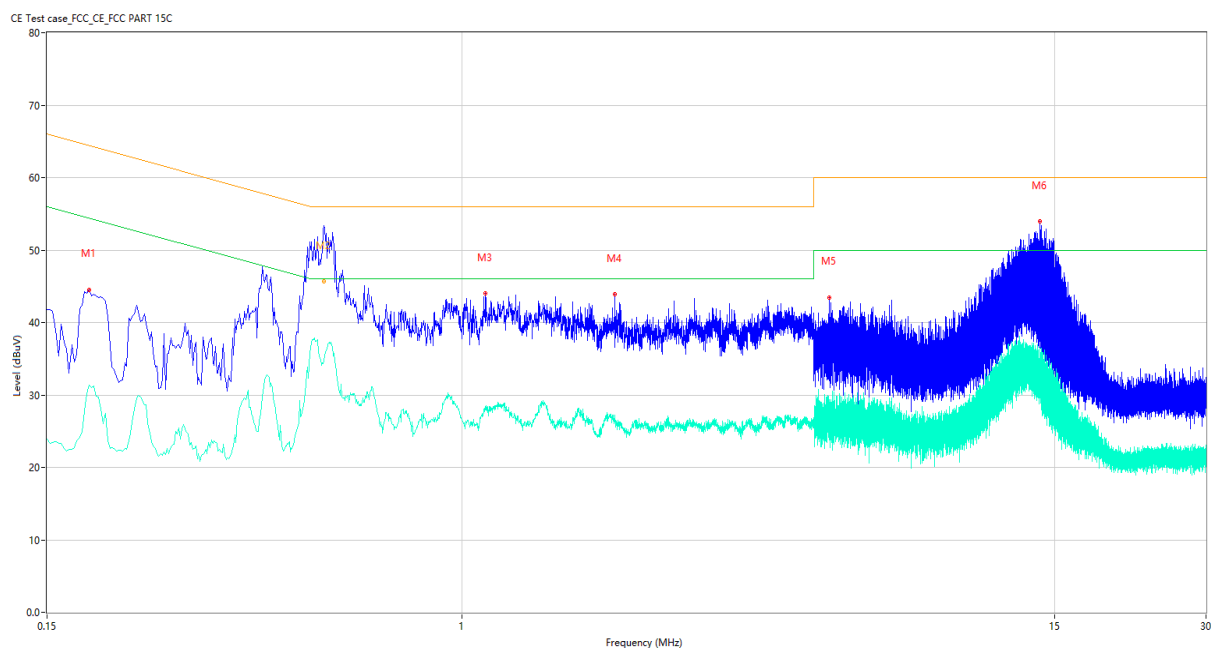
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note ³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

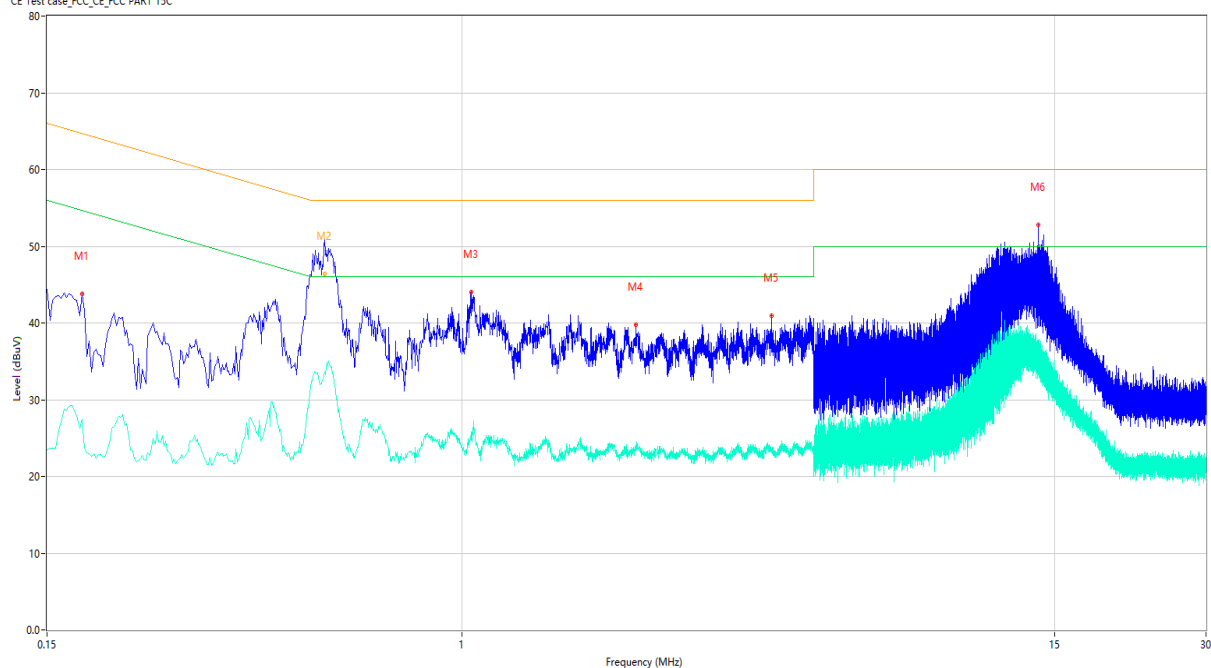
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.182	44.54	9.91	64.39	19.85	Peak	L	Pass
1**	0.182	31.31	9.91	54.39	23.08	AV	L	Pass
2	0.532	52.68	9.95	56.00	3.32	Peak	L	N/A
2*	0.532	45.64	9.95	56.00	10.36	QP	L	Pass
2**	0.532	34.53	9.95	46.00	11.47	AV	L	Pass
3	1.114	44.03	9.97	56.00	11.97	Peak	L	Pass
3**	1.114	28.39	9.97	46.00	17.61	AV	L	Pass
4	2.014	43.86	10.10	56.00	12.14	Peak	L	Pass
4**	2.014	27.17	10.10	46.00	18.83	AV	L	Pass
5	5.364	43.47	10.22	60.00	16.53	Peak	L	Pass
5**	5.364	27.19	10.22	50.00	22.81	AV	L	Pass
6	14.022	53.96	10.83	60.00	6.04	Peak	L	Pass
6**	14.022	36.59	10.83	50.00	13.41	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.176	43.74	10.00	64.67	20.93	Peak	N	Pass
1**	0.176	27.45	10.00	54.67	27.22	AV	N	Pass
2	0.534	50.76	10.00	56.00	5.24	Peak	N	N/A
2*	0.534	46.38	10.00	56.00	9.62	QP	N	Pass
2**	0.534	33.60	10.00	46.00	12.40	AV	N	Pass
3	1.044	43.97	10.04	56.00	12.03	Peak	N	Pass
3**	1.044	25.83	10.04	46.00	20.17	AV	N	Pass
4	2.216	39.76	10.03	56.00	16.24	Peak	N	Pass
4**	2.216	23.95	10.03	46.00	22.05	AV	N	Pass
5	4.120	40.98	10.15	56.00	15.02	Peak	N	Pass
5**	4.120	23.16	10.15	46.00	22.84	AV	N	Pass
6	13.928	52.75	10.81	60.00	7.25	Peak	N	Pass
6**	13.928	37.79	10.81	50.00	12.21	AV	N	Pass

A.8 Radiated Spurious Emission

Note ¹: The symbol of "--" in the table which means not application.

Note ²: For the test data above 1 GHz, according the ANSI C63.10, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note ³: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and DH5-Hopping mode is the worst.

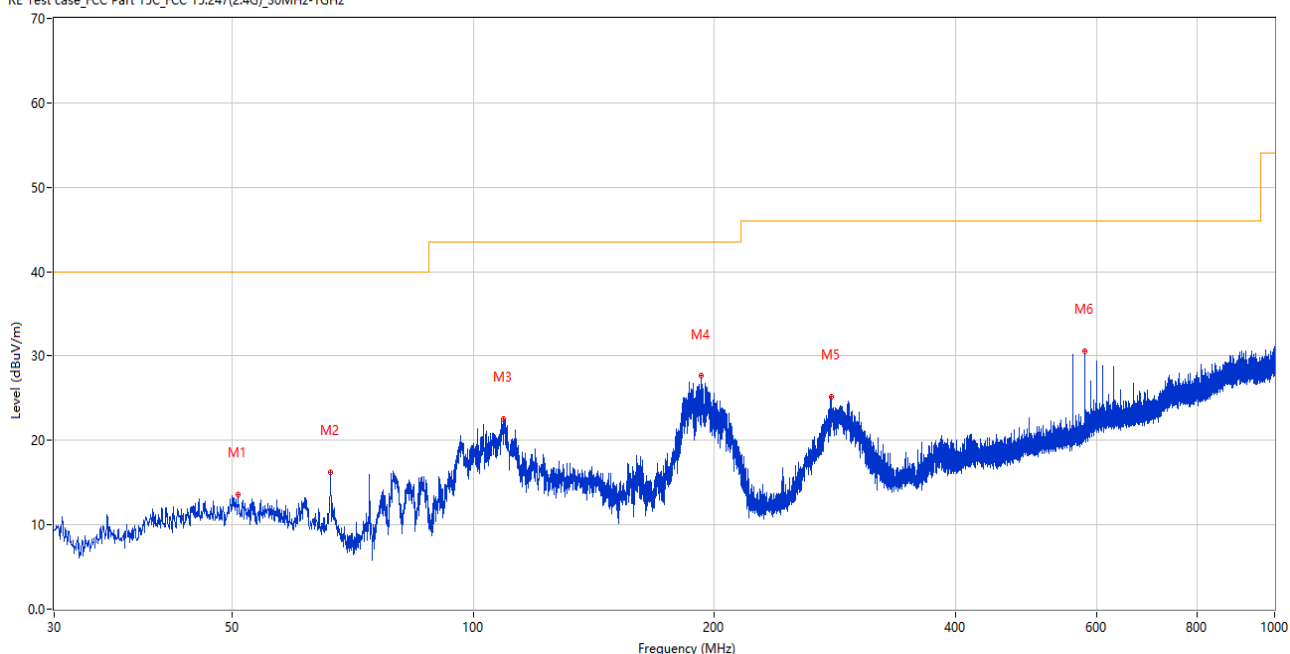
Note ⁴: Results (dBuV/m) = Original reading level of Spectrum Analyzer (dBuV/m) + Factor (dB)

The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Test Data and Plots

30 MHz to 1 GHz, ANT H

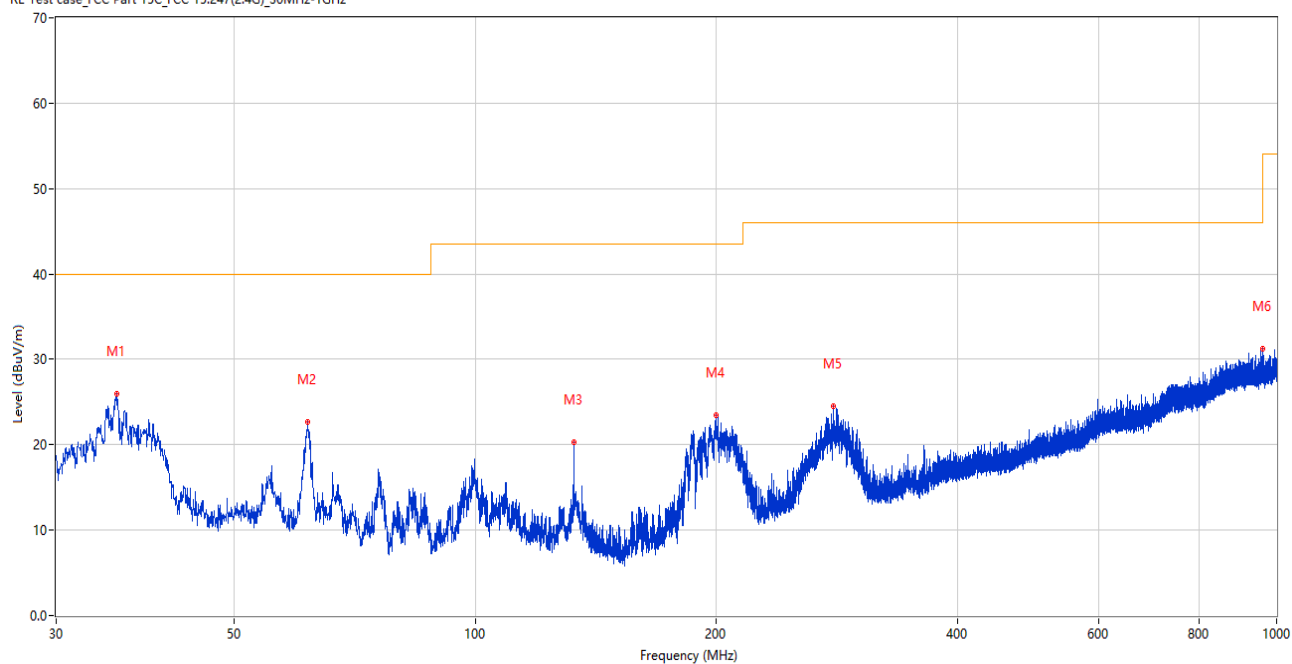
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	50.904	13.54	-24.59	40.0	26.46	Peak	0.00	100	Horizontal	Pass
2	66.375	16.24	-27.80	40.0	23.76	Peak	2.00	100	Horizontal	Pass
3	109.201	22.59	-26.53	43.5	20.91	Peak	187.00	200	Horizontal	Pass
4	192.620	27.62	-25.90	43.5	15.88	Peak	328.00	100	Horizontal	Pass
5	279.484	25.12	-23.73	46.0	20.88	Peak	4.00	200	Horizontal	Pass
6	579.990	30.53	-16.06	46.0	15.47	Peak	0.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



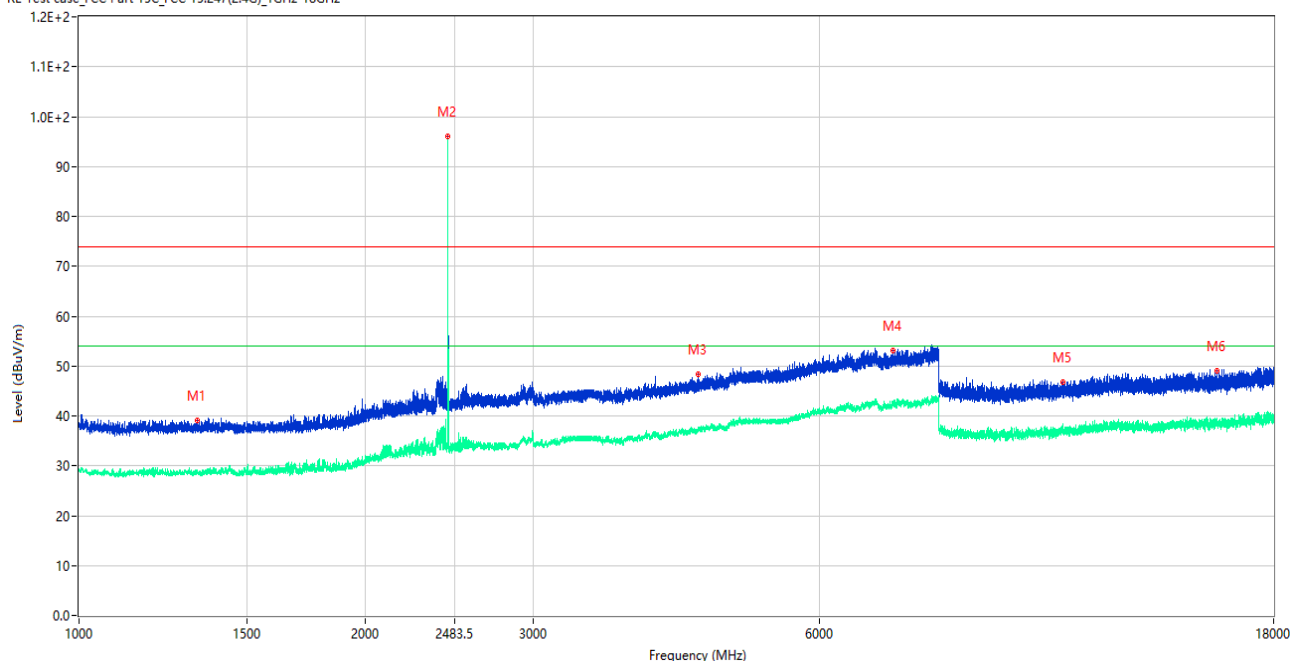
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	35.723	25.99	-27.49	40.0	14.01	Peak	150.00	100	Vertical	Pass
2	61.719	22.64	-26.44	40.0	17.36	Peak	354.00	200	Vertical	Pass
3	132.723	20.35	-29.20	43.5	23.15	Peak	247.00	200	Vertical	Pass
4	199.847	23.42	-25.75	43.5	20.08	Peak	9.00	200	Vertical	Pass
5	279.872	24.49	-23.72	46.0	21.51	Peak	278.00	200	Vertical	Pass
6	960.084	31.19	-8.72	54.0	22.81	Peak	65.00	100	Vertical	Pass

Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious from 18GHz-25GHz is noise only, do not show on the report.

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

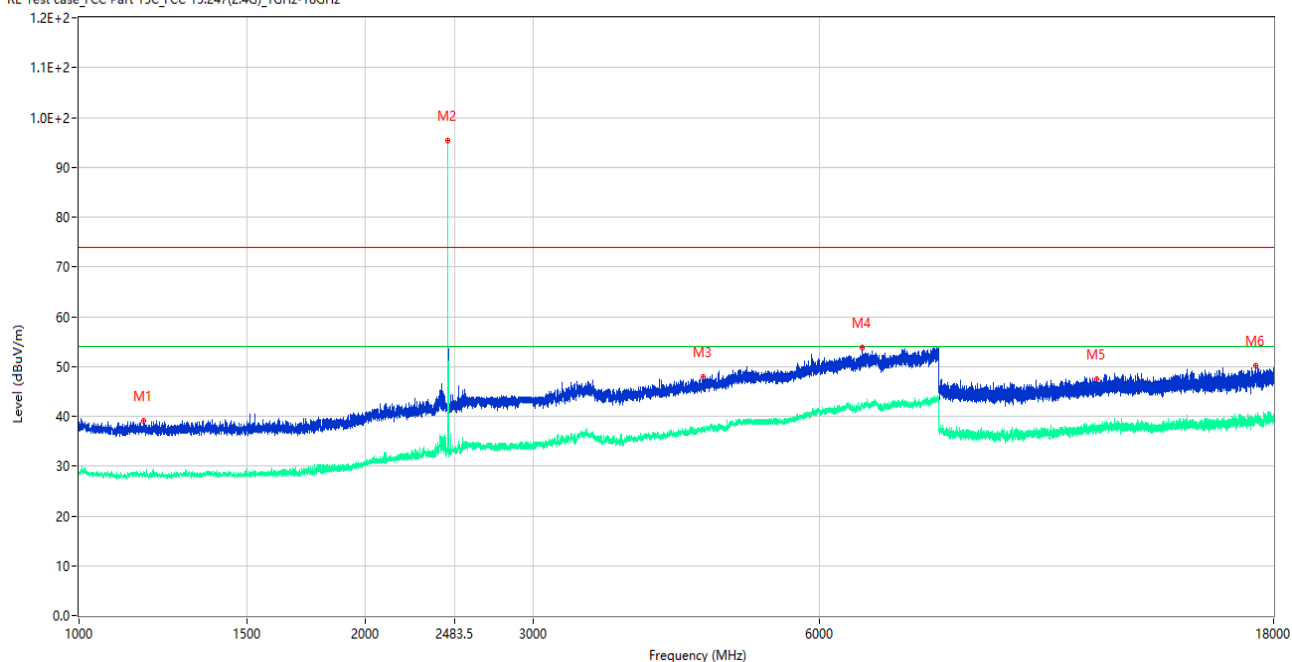
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	39.19	-15.99	74.0	34.81	Peak	310.00	150	Horizontal	Pass
1**	1330.500	29.11	-15.99	54.0	24.89	AV	310.00	150	Horizontal	Pass
2	2441.000	96.05	-12.39	74.0	-22.05	Peak	0.00	150	Horizontal	N/A
2**	2441.000	95.28	-12.39	54.0	-41.28	AV	0.00	150	Horizontal	N/A
3	4477.500	48.32	-3.73	74.0	25.68	Peak	356.00	150	Horizontal	Pass
3**	4477.500	36.98	-3.73	54.0	17.02	AV	356.00	150	Horizontal	Pass
4	7172.000	53.21	0.18	74.0	20.79	Peak	291.00	150	Horizontal	Pass
4**	7172.000	42.44	0.18	54.0	11.56	AV	291.00	150	Horizontal	Pass
5	10805.500	46.85	-3.18	74.0	27.15	Peak	38.00	150	Horizontal	Pass
5**	10805.500	36.67	-3.18	54.0	17.33	AV	38.00	150	Horizontal	Pass
6	15687.500	49.01	-1.77	74.0	24.99	Peak	38.00	150	Horizontal	Pass
6**	15687.500	38.07	-1.77	54.0	15.93	AV	38.00	150	Horizontal	Pass

GFSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

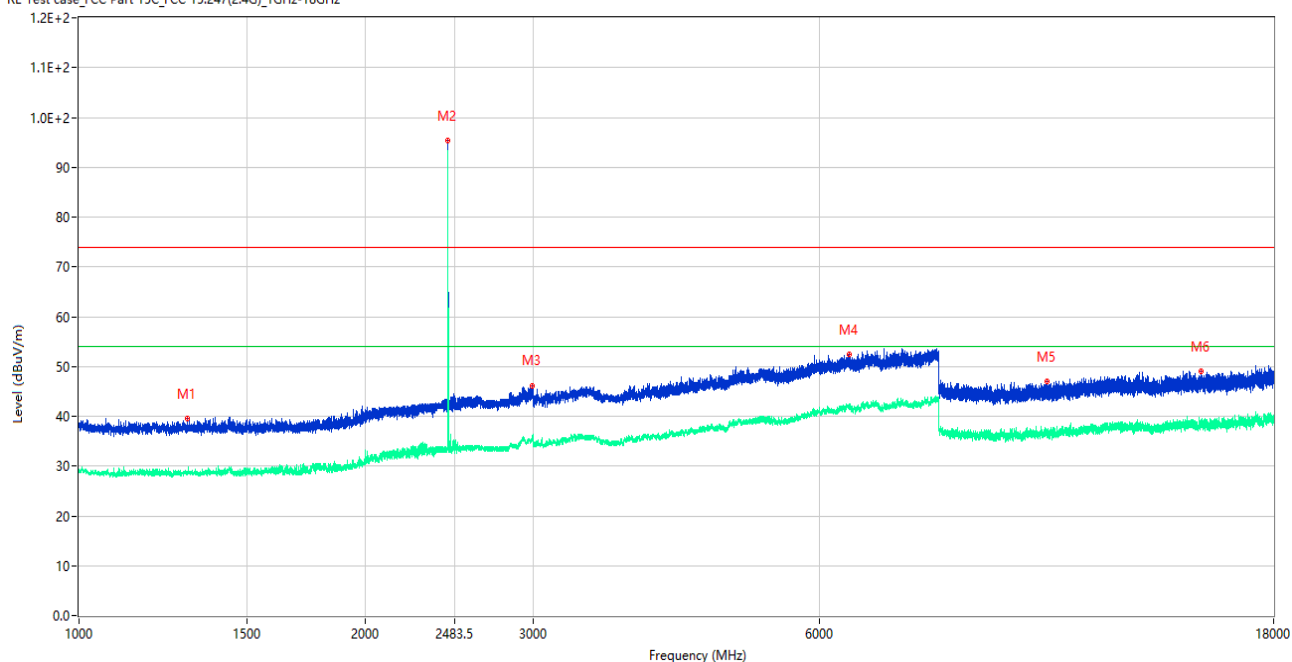
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.750	39.13	-15.50	74.0	34.87	Peak	12.00	150	Vertical	Pass
1**	1168.750	28.30	-15.50	54.0	25.70	AV	12.00	150	Vertical	Pass
2	2441.000	95.33	-12.39	74.0	-21.33	Peak	320.00	150	Vertical	N/A
2**	2441.000	94.66	-12.39	54.0	-40.66	AV	320.00	150	Vertical	N/A
3	4529.500	47.85	-2.40	74.0	26.15	Peak	4.00	150	Vertical	Pass
3**	4529.500	37.48	-2.40	54.0	16.52	AV	4.00	150	Vertical	Pass
4	6656.500	53.78	0.13	74.0	20.22	Peak	359.00	150	Vertical	Pass
4**	6656.500	42.76	0.13	54.0	11.24	AV	359.00	150	Vertical	Pass
5	11735.500	47.44	-2.94	74.0	26.56	Peak	360.00	150	Vertical	Pass
5**	11735.500	37.10	-2.94	54.0	16.90	AV	360.00	150	Vertical	Pass
6	17252.000	50.08	-0.67	74.0	23.92	Peak	265.00	150	Vertical	Pass
6**	17252.000	39.74	-0.67	54.0	14.26	AV	265.00	150	Vertical	Pass

8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT H

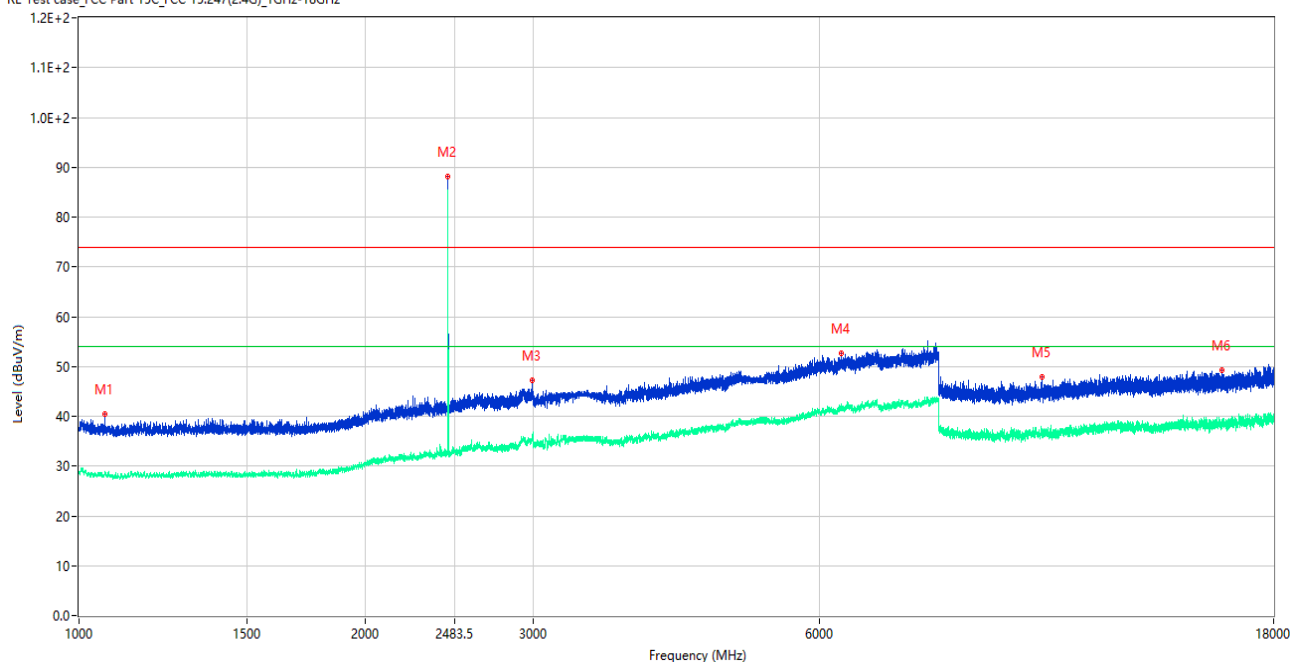
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1298.250	39.63	-15.63	74.0	34.37	Peak	323.00	150	Horizontal	Pass
1**	1298.250	28.51	-15.63	54.0	25.49	AV	323.00	150	Horizontal	Pass
2	2441.000	95.44	-12.39	74.0	-21.44	Peak	0.00	150	Horizontal	N/A
2**	2441.000	93.04	-12.39	54.0	-39.04	AV	0.00	150	Horizontal	N/A
3	2996.000	46.07	-8.83	74.0	27.93	Peak	158.00	150	Horizontal	Pass
3**	2996.000	35.44	-8.83	54.0	18.56	AV	158.00	150	Horizontal	Pass
4	6449.000	52.44	-0.06	74.0	21.56	Peak	360.00	150	Horizontal	Pass
4**	6449.000	42.48	-0.06	54.0	11.52	AV	360.00	150	Horizontal	Pass
5	10409.500	47.09	-3.22	74.0	26.91	Peak	125.00	150	Horizontal	Pass
5**	10409.500	36.99	-3.22	54.0	17.01	AV	125.00	150	Horizontal	Pass
6	15084.500	49.12	-1.73	74.0	24.88	Peak	0.00	150	Horizontal	Pass
6**	15084.500	38.98	-1.73	54.0	15.02	AV	0.00	150	Horizontal	Pass

8-DPSK MIDDLE CHANNEL 1 GHz to 18 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.250	40.38	-15.17	74.0	33.62	Peak	340.00	150	Vertical	Pass
1**	1065.250	28.71	-15.17	54.0	25.29	AV	340.00	150	Vertical	Pass
2	2441.250	88.15	-12.40	74.0	-14.15	Peak	321.00	150	Vertical	N/A
2**	2441.250	85.45	-12.40	54.0	-31.45	AV	321.00	150	Vertical	N/A
3	2996.500	47.16	-8.80	74.0	26.84	Peak	357.00	150	Vertical	Pass
3**	2996.500	36.33	-8.80	54.0	17.67	AV	357.00	150	Vertical	Pass
4	6319.000	52.65	-0.40	74.0	21.35	Peak	353.00	150	Vertical	Pass
4**	6319.000	41.54	-0.40	54.0	12.46	AV	353.00	150	Vertical	Pass
5	10271.000	47.97	-2.96	74.0	26.03	Peak	9.00	150	Vertical	Pass
5**	10271.000	36.38	-2.96	54.0	17.62	AV	9.00	150	Vertical	Pass
6	15884.000	49.25	-1.46	74.0	24.75	Peak	206.00	150	Vertical	Pass
6**	15884.000	39.23	-1.46	54.0	14.77	AV	206.00	150	Vertical	Pass

A.9 Band Edge (Restricted-band band-edge)

Note ¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note ³: According the ANSI C63.10, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note ⁴: The Level (dBuV/m) has been corrected by factor.

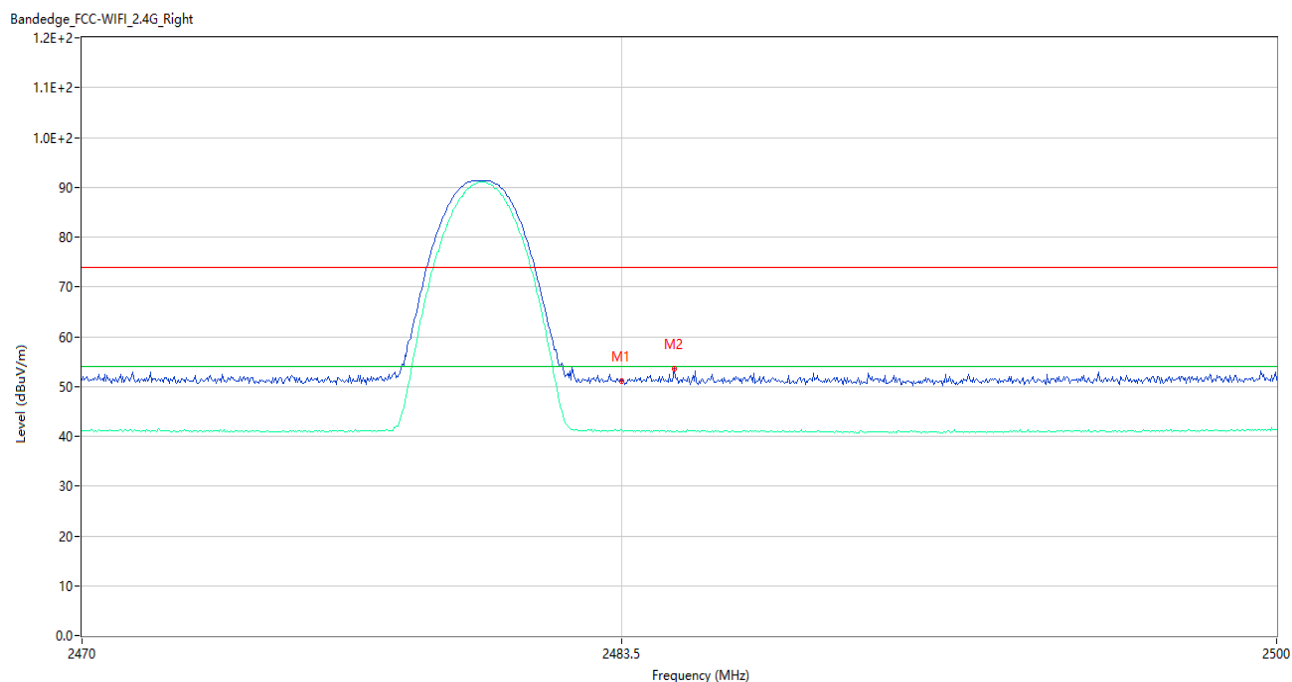
Test Data and Plots

GFSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.96	-4.87	74.0	23.04	Peak	167.82	150	Vertical	Pass
1**	2390.000	40.37	-4.87	54.0	13.63	AV	167.82	150	Vertical	Pass
2	2373.500	52.88	-4.11	74.0	21.12	Peak	209.00	150	Vertical	Pass
2**	2373.500	40.62	-4.11	54.0	13.38	AV	209.00	150	Vertical	Pass

GFSK HIGH CHANNEL



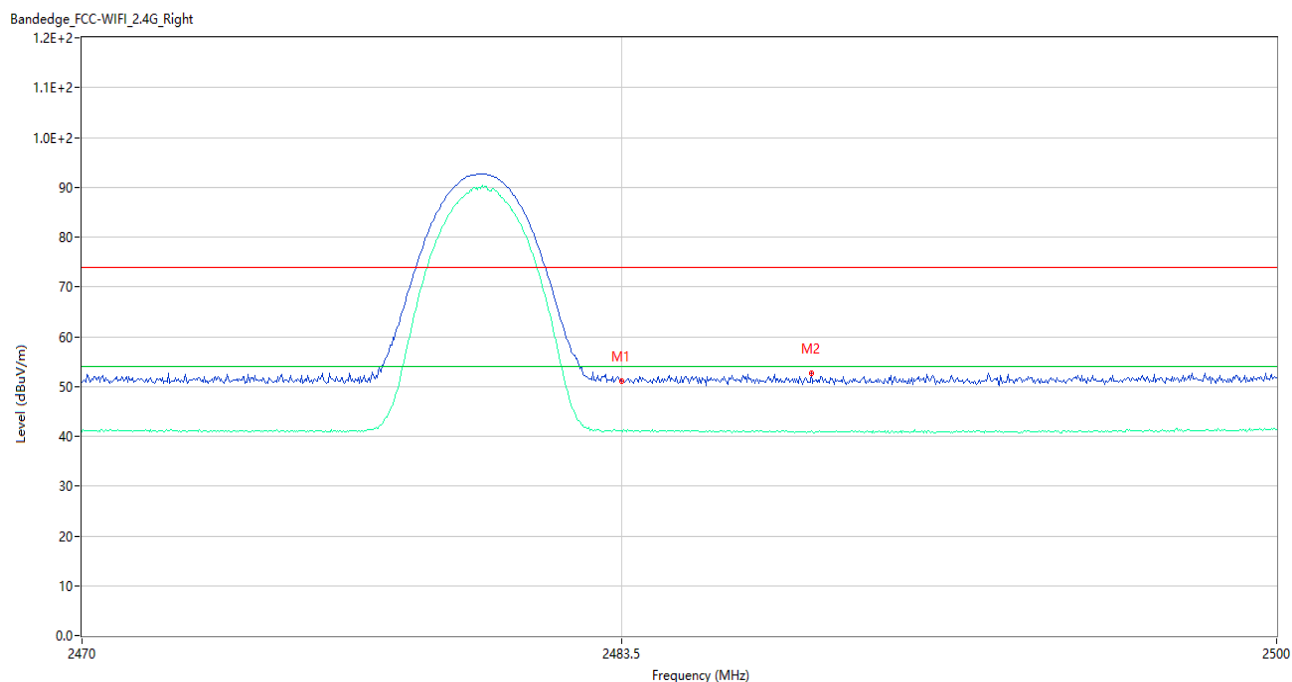
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.12	-3.78	74.0	22.88	Peak	320.00	150	Vertical	Pass
1**	2483.500	41.36	-3.78	54.0	12.64	AV	320.00	150	Vertical	Pass
2	2484.820	53.53	-3.78	74.0	20.47	Peak	355.00	150	Vertical	Pass
2**	2484.820	40.93	-3.78	54.0	13.07	AV	355.00	150	Vertical	Pass

8-DPSK LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.67	-4.87	74.0	23.33	Peak	20.31	150	Horizontal	Pass
1**	2390.000	40.78	-4.87	54.0	13.22	AV	20.31	150	Horizontal	Pass
2	2351.500	52.55	-5.03	74.0	21.45	Peak	320.00	150	Horizontal	Pass
2**	2351.500	39.97	-5.03	54.0	14.03	AV	320.00	150	Horizontal	Pass

8-DPSK HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.07	-3.78	74.0	22.93	Peak	0.00	150	Horizontal	Pass
1**	2483.500	41.03	-3.78	54.0	12.97	AV	0.00	150	Horizontal	Pass
2	2488.270	52.72	-3.81	74.0	21.28	Peak	337.00	150	Horizontal	Pass
2**	2488.270	41.03	-3.81	54.0	12.97	AV	337.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-CC26060005-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-CC26060005-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-CC26060005-AI.PDF”.

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--END OF REPORT--